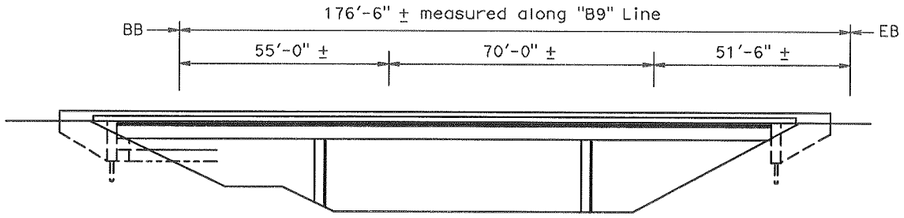
PREPARED FOR THE STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

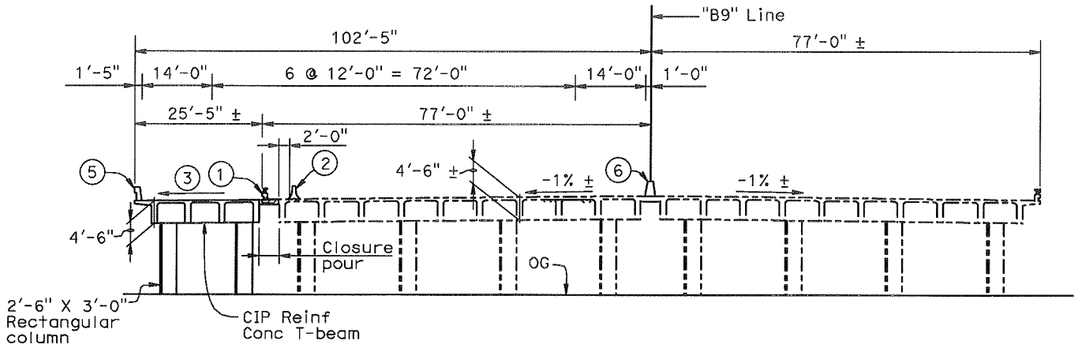
DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT
04	Ala	580	

ALAMEDA COUNTY CONGESTION MANAGEMENT AGENCY

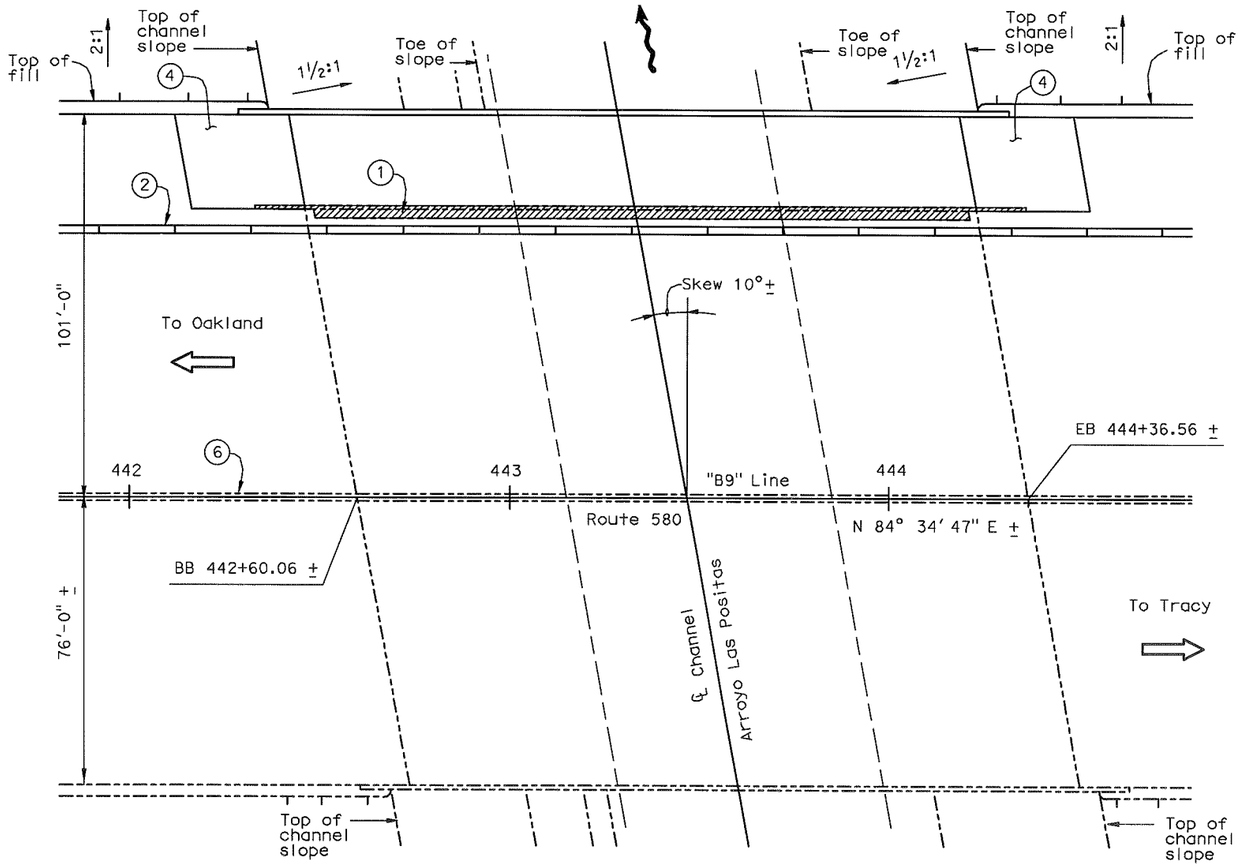
T. Y. LIN INTERNATIONAL



MIRROR ELEVATION
Scale 1"=40'



TYPICAL SECTION
Scale 1"=30'



PLAN
Scale 1"=40'

Legend:

1. Remove Exist overhang and Conc Railing Type 9.
2. Temporary Railing (Type K).
3. Match Exist cross slope.
4. Structure Approach Type N (30D).
5. Conc Barrier Type 732.
6. Conc Barrier Type 60A.

---- Indicates Exist Structure.
▨ Indicates Bridge Removal (Portion).
⇨ Indicates direction of traffic.

Note:

Assume 45 ton pile footings.

Date of Estimate		11/22/06
Str Depth	=	4'-6"
Length	=	176' - 6"
Width	=	28'-9"
Area	=	5,074 sq ft
Cost/sq ft including 10% Mobilization & 25% Contingency	=	$227
Total Cost	=	$1,152,000

X
DESIGN OVERSIGHT
X
SIGN OFF DATE

DESIGNED BY	Odeon M. Li	DATE	11/06
DRAWN BY	Odeon M. Li	DATE	11/06
CHECKED BY	X	DATE	X
APPROVED	X	DATE	X

Odeon M. Li
PROJECT ENGINEER

PLANNING STUDY

ARROYO LAS POSITAS BRIDGE (WIDEN)

BRIDGE NO. 33-0203	CU X
SCALE: As Shown	EA X

ADVANCE PLANNING STUDY SHEET (ENGLISH) (REV. 2/25/05)

FILE => $REQUEST

USERNAME => $USER DATE PLOTTED => $DATE TIME PLOTTED => $TIME